

Title (en)

TURBOJET ENGINE COMPRISING A NACELLE PROVIDED WITH AN INVERSER SYSTEM AND A MOBILE CASCADE GRID

Title (de)

TURBOREAKTOR, DER EINE MIT EINEM SCHUBUMKEHRSYSTEM UND EINEM BEWEGLICHEN KASKADENGITTER AUSGESTATTETE GONDEL UMFASST

Title (fr)

TURBORÉACTEUR COMPORTANT UNE NACELLE ÉQUIPÉE D'UN SYSTÈME INVERSEUR ET UNE GRILLE DE CASCADES MOBILE

Publication

EP 3719293 B1 20220119 (FR)

Application

EP 20166198 A 20200327

Priority

FR 1903630 A 20190404

Abstract (en)

[origin: US2020318574A1] A turbofan with a secondary duct and including a fixed structure and a mobile assembly including a frame with openwork regions. The mobile assembly is translatable between advanced and retracted positions. The openwork regions are positioned across the window in the retracted position. A plurality of blocking doors is provided, each being mobile between stowed and deployed positions. An array of rams move the mobile assembly. A cascade grille mounts on the frame across the openwork region. The grille slides on the frame parallel to the translational direction. For each grille, a rear stop limits rearward movement, and a compression spring pushes the grille to the rear for abutment against a rear stop. For each grille, the fixed structure comprises a stop element against which the grille abuts upon movement from the advanced position to the retracted position.

IPC 8 full level

F02K 1/72 (2006.01)

CPC (source: CN EP US)

B64D 27/18 (2013.01 - CN); **B64D 29/02** (2013.01 - CN); **B64D 29/06** (2013.01 - CN); **F02K 1/72** (2013.01 - EP US); **F05D 2220/323** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3719293 A1 20201007; **EP 3719293 B1 20220119**; CN 111792041 A 20201020; CN 111792041 B 20240227; FR 3094757 A1 20201009; US 11255293 B2 20220222; US 2020318574 A1 20201008

DOCDB simple family (application)

EP 20166198 A 20200327; CN 202010255083 A 20200402; FR 1903630 A 20190404; US 202016832344 A 20200327